

**13th RISE Symposium (Research Insights in Semi-arid Ecosystems)
Saturday, 08 October 2016**

Marley Building, Room 230

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| 8:30-9:00 | Registration | |
| 9:00-9:15 | Mitch McClaran UA SNRE, Phil Heilman USDA ARS SWRC | RISE Welcome |
| 9:15-9:30 | Abe Karam NEON | National Ecological Observatory Network: Operations and Opportunities |
| 9:35-9:55 | Dana Backer SNP | Saguaro National Park's Buffelgrass Management Tool Box |
| 10:00-10:20 | Wendy Moore UA ENTO | Arthropod and vegetation trends in Santa Catalina Mountains |
| 10:25-10:45 | Eleonora Demaria USDA ARS SWRC | Changes in spatio-temporal characteristics of precipitation intensities in Arizona: what we have observed during the last sixty years? |
| 10:50-11:10 | Viktor Polyakov USDA ARS SWRC | Determining soil erosion rates on semi-arid watersheds using radioisotope-derived sedimentation chronology |
| 11:15- | Poster Introductions | Poster abstracts presented by poster authors |
| 11:30-1:00 | Poster Session | |
| 12:00-1:10 | Lunch w/ Posters | <i>Provided at the meeting; included in RISE registration fee</i> |
| 1:15-1:35 | Joel Biederman USDA ARS SWRC | Semi-arid Ecosystem Water and Carbon Balance During the Early 21st-Century Drought in Southwestern North America: A Comparison with Models and Remote Sensing |
| 1:40-2:00 | Adam Naito UA SNRE | Brush management on the Santa Rita Experimental Range, Arizona: a pre-treatment assessment of ecosystem services |
| 2:05-2:25 | Tyson Swetnam UA SNRE | Demonstration of cross-platform lidar and sfm- mvs data fusion for ecosystem monitoring |
| 2:30-2:50 | Mark Heitlinger SRER | Santa Rita History |
| 3:00 | Poster Awards | |

RISE Organizing Committee:

Steve Archer, Phil Heilman, Mitch McClaran,
Mary Nichols

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Undefined Acronyms:

ARS: Agricultural Research Service

ENTO: Department of Entomology

NEON: National Ecological Observatory Network

SNRE: School of Natural Resources and the Environment

SRER: Santa Rita Experimental Range

SWRC: Southwest Watershed Research Center

UA: University of Arizona

USDA: United States Department of Agriculture